Project Start for QSFP56

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Project supporters

- Jeff Maki: Juniper
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Project overview

• Incorporate all updates from QSFP-DD specification
• Incorporate all updates needed to support CMIS (Common Management Interface Specification)
• Add Cabled option as informative appendix
• Reference QSFP28 for all connector, cage, Type 1 module mechanicals and drawings
• Add informative appendix for improved thermals
Details:

• Updates from QSFP-DD
  • Improved Thermals
    • High power module table
    • Surface roughness, flatness specs for high power modules
  • Updated power supply decoupling, ramp, noise sections
  • Add Type 2 and Type 2A module types to support higher power modules

• Updates to support CMIS
  • New timing for low speed signals and management interface
  • New functional description for LPMode
Anticipated timeline

• Initial draft: Mar 2021
• 1st Review: May 2021
• Final spec: July 2021